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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/924,647DATE: 04/11/2002
TIME: 13:51:26

Input Set : A:\P1219P3.txt

Output Set: N:\CRF3\04112002\I924647.raw

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3 <110> APPLICANT: Adams, Sean
4 Goddard, Audrey
5 Gurney, Austin L
6 Stewart, Timothy A.
7 Tomlinson, Elizabeth
8 Yu, Xing Xian
10 <120> TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR-19 (FGF-19) NUCLEIC ACIDS AND
11 POLYPEPTIDES AND METHODS FOR THE TREATMENT OF OBESITY
12 AND RELATED DISORDERS
14 <130> FILE REFERENCE: P1219P3
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C--> 17 <141> CURRENT FILING DATE: 2002-04-01
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20 <151> PRIOR FILING DATE: 1997-11-25
22 <150> PRIOR APPLICATION NUMBER: US 09/767,609
23 <151> PRIOR FILING DATE: 2001-01-22
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26 <151> PRIOR FILING DATE: 1998-09-21
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47 <151> PRIOR FILING DATE: 2000-02-22
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59 gaaacccggc cgctaagcga ggcctcctcc tcccgcagat ccgaacggcc 100
61 tgggcggggg caccceggct gggacaagaa gccgccgcct gcctgcccgg 150
63 gcccggggag ggggctgggg ctggggccgg aggcgggggtg tgagtgggtg 200
65 tgtgcggggg gcggaggctt gatgcaatcc cgataagaaa tgctcgggtg 250

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67 tcttgggcac ctacccgtgg ggcccgtgaag ggcgtactat ataaggctgc 300
69 cggcccggag ccgcccgcgc gtcagagcag gagcgctgcg tccaggatct 350
71 agggccacga ccatcccaac ccggcactca cagccccgca gcgcatcccg 400
73 gtcgcccggc agcctcccg cccccatcg ccggagctgc gccgagagcc 450
75 ccagggaagt gccatgcgga gcgggtgtgt ggtggtccac gtatggatcc 500
77 tggccggcct ctggctggcc gtggccgggc gcccctcgc cttctcggac 550
79 gcggggcccc acgtgacta cggctggggc gaccccatcc gcctgcggca 600
81 cctgtacacc tccggcccc acgggctctc cagctgcttc ctgcgcatcc 650
83 gtgccgacgg cgtcgtggac tgcgcgcggg gccagagcgc gcacagtttg 700
85 ctggagatca aggcagtcgc tctgcggacc gtggccatca agggcgtgca 750
87 cagcgtgcgg tacctctgca tgggcgccga cggcaagatg caggggctgc 800
89 ttcagtagtc ggaggaagac tgtgctttcg aggaggagat ccgccagat 850
91 ggctacaatg tgtaccgatc cgagaagcac cgcctcccg tctccctgag 900
93 cagtgccaaa cagcggcagc tgtacaagaa cagaggcttt cttccactct 950
95 ctcatcttct gccatgctg cccatggctc cagaggagcc tgaggacctc 1000
97 agggggccact tggaatctga catgttctct tcgcccctgg agaccgacag 1050
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103 ggctgtgcta cctgcagcgt gggggacgtg cttctacaag aacagtcctg 1200
105 agtcacagtt ctgtttagct ttaggaaagaa acatctagaa gttgtacata 1250
107 ttcagagttt tccattggca gtgccagttt ctagccaata gacttgtctg 1300
109 atcataacat tgtaagcctg tagcttgccc agctgctgcc tgggccccca 1350
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113 cttgaatacc tccatcgatg gggaaactcac ttcctttgga aaaattctta 1450
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117 cagaagacag gcagtagttt taatttcagg aacagggtgat ccactctgta 1550
119 aaacagcagg taaatttcac tcaaccccat gtgggaattg atctatatct 1600
121 ctacttccag ggaccatttg cccttcccaa atccctccag gccagaactg 1650
123 actggagcag gcatggccca ccaggcttca ggagtagggg aagcctggag 1700
125 cccactcca gccctgggac aacttgagaa ttccccctga ggccagttct 1750
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129 ccactctcca gccaccagc cctctgcca cctcacatgc ctccccatgg 1850
131 attggggcct ccagggcccc ccaccttatg tcaacctgca cttcttggtc 1900
133 aaaaatoagg aaaagaaaag atttgaagao ooaagtott gtaataaet 1950
135 tgctgtgtgg aagcagcggg ggaagaccta gaaccctttc cccagcactt 2000
137 ggttttccaa catgatattt atgagtaatt tattttgata tgtacatctc 2050
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141 gaggtttggt ttgtatatata aaatggagtt tgtttgt 2137
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144 <211> LENGTH: 216
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
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150 1 5 10 15
152 Leu Trp Leu Ala Val Ala Gly Arg Pro Leu Ala Phe Ser Asp Ala
153 20 25 30
155 Gly Pro His Val His Tyr Gly Trp Gly Asp Pro Ile Arg Leu Arg
156 35 40 45

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158 His Leu Tyr Thr Ser Gly Pro His Gly Leu Ser Ser Cys Phe Leu
159              50              55              60
161 Arg Ile Arg Ala Asp Gly Val Val Asp Cys Ala Arg Gly Gln Ser
162              65              70              75
164 Ala His Ser Leu Leu Glu Ile Lys Ala Val Ala Leu Arg Thr Val
165              80              85              90
167 Ala Ile Lys Gly Val His Ser Val Arg Tyr Leu Cys Met Gly Ala
168              95              100             105
170 Asp Gly Lys Met Gln Gly Leu Leu Gln Tyr Ser Glu Glu Asp Cys
171              110             115             120
173 Ala Phe Glu Glu Glu Ile Arg Pro Asp Gly Tyr Asn Val Tyr Arg
174              125             130             135
176 Ser Glu Lys His Arg Leu Pro Val Ser Leu Ser Ser Ala Lys Gln
177              140             145             150
179 Arg Gln Leu Tyr Lys Asn Arg Gly Phe Leu Pro Leu Ser His Phe
180              155             160             165
182 Leu Pro Met Leu Pro Met Val Pro Glu Glu Pro Glu Asp Leu Arg
183              170             175             180
185 Gly His Leu Glu Ser Asp Met Phe Ser Ser Pro Leu Glu Thr Asp
186              185             190             195
188 Ser Met Asp Pro Phe Gly Leu Val Thr Gly Leu Glu Ala Val Arg
189              200             205             210
191 Ser Pro Ser Phe Glu Lys
192              215
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196 <212> TYPE: DNA
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202 <400> SEQUENCE: 3
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205 <210> SEQ ID NO: 4
206 <211> LENGTH: 22
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Primer_bind
213 <400> SEQUENCE: 4
214 ccagtccggt gacaagccca aa 22
216 <210> SEQ ID NO: 5
217 <211> LENGTH: 42
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
224 <400> SEQUENCE: 5
225 gcctcccggt ctccctgagc agtgccaaac agcggcagtg ta 42
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 230 <213> ORGANISM: Artificial Sequence
 232 <220> FEATURE:
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 235 <400> SEQUENCE: 6
 236 ctccaacatg ccctatgcg 19
 238 <210> SEQ ID NO: 7
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 244 <223> OTHER INFORMATION: Primer_bind
 246 <400> SEQUENCE: 7
 247 acgaagagca tcacaaggag g 21
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 251 <212> TYPE: DNA
 252 <213> ORGANISM: Artificial Sequence
 254 <220> FEATURE:
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 279 <400> SEQUENCE: 10
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 285 <213> ORGANISM: Artificial Sequence
 287 <220> FEATURE:
 288 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
 290 <400> SEQUENCE: 11
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 293 <210> SEQ ID NO: 12
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Input Set : A:\P1219P3.txt

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295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Primer_bind
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306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Primer_bind
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318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
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323 <400> SEQUENCE: 14
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326 <210> SEQ ID NO: 15
327 <211> LENGTH: 20
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
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350 <212> TYPE: DNA
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353 <220> FEATURE:
354 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
356 <400> SEQUENCE: 17
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360 <211> LENGTH: 19
361 <212> TYPE: DNA

VERIFICATION SUMMARY

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Input Set : A:\P1219P3.txt

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